

How to upload - copy PowerChute Business Edition installation files to VMware vMA from a PC

First download the install files from APC.com to your PC.
<http://www.apc.com/products/family/index.cfm?id=125>

PowerChute® Business Edition
 UPS management, safe shutdown and energy reporting for up to 25 servers and workstations using dedicated serial or USB connections.

Product Category

- Computer and Peripheral (2)
- Network and Server (3)
- Data Center and Facility 3 Phase (10)
- UPS Management
 - > PowerChute Personal Edition
 - > **PowerChute Business Edition**
 - > PowerChute Network Shutdown
 - > UPS Network Management Cards
 - > Additional Management Cards and Options
 - > Interface Cables
 - > Battery Management

Model Information

- Features & Benefits
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- Testdrive
- Manuals and Warranties
- Agency Approvals

Application Notes

- Brochures
- Frequently Asked Questions
- White Papers
- Customer Testimonials
- Press Releases

Millions of protected customers! - "With PowerChute Business Edition installed, it's as if the outage never happened". Richard Verry, Systems Administrator & Software Engineer, The Children's Institute.
 PowerChute Business Edition software provides UPS management, safe system shutdown and innovative energy management capabilities. In the event of an extended power outage, graceful unattended shutdown ensures no information is lost and time to recovery is minimized. Energy cost and CO₂ reporting provides greater understanding of the energy consumed by IT equipment enabling improved energy efficiency. Highly valued risk assessment reports detect potential threats to availability while advanced analysis features help to identify the causes of potential UPS and power related problems before they occur, ensuring the health of your system.

Model List

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Centralized Management for up to 25 Smart-UPS

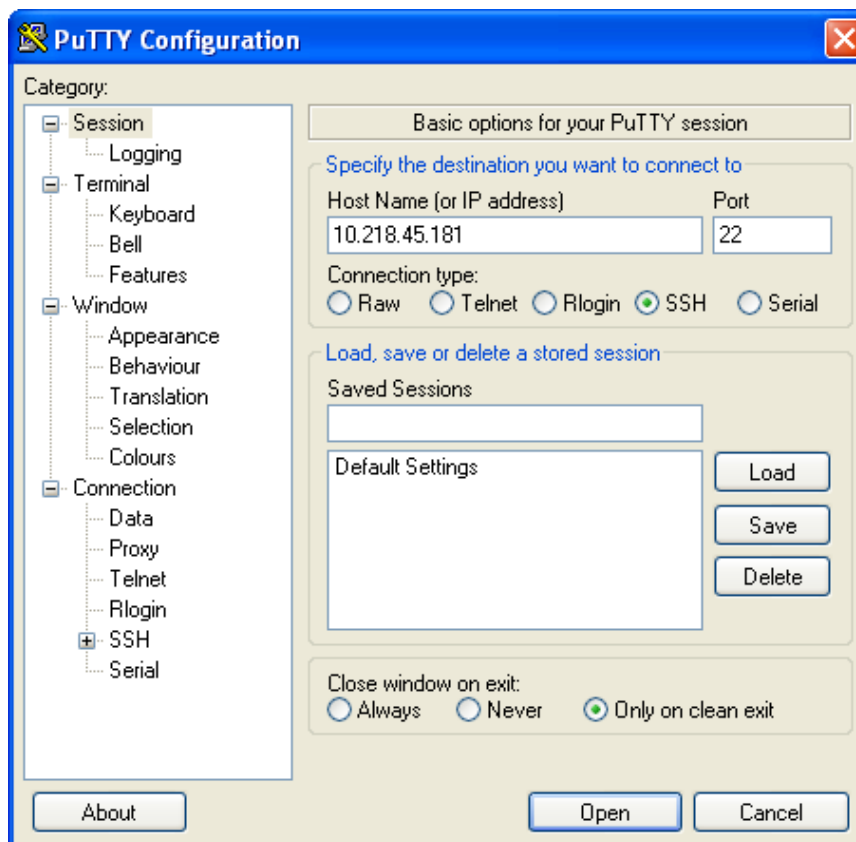
Products	Part Number	Price **	
PowerChute Business Edition Deluxe 25 Node	SSPCBE25	\$279.99	Purchase CD

Centralized Management for up to 5 Smart-UPS

Products	Part Number	Price **	
PowerChute Business Edition 5 Node v9.0.1	SFPCBE901	N/A	Free Download
PowerChute Business Edition 5 Node - v9.1	SFPCBE91	N/A	Free Download

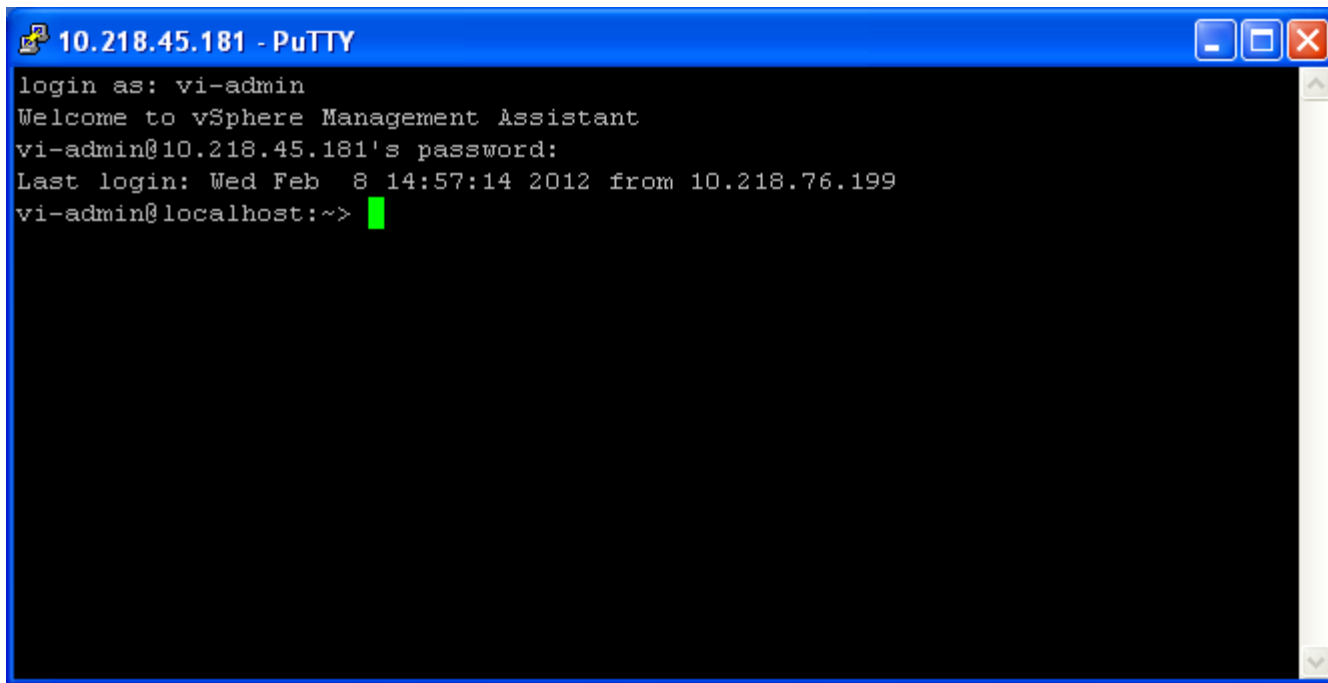
Now log into the vMA using a utility like PUTTY or using the VMware vSphere Client.

Note: If you need assistance installing and configuring vMA 5 please review Kbase FA159777 or review this VMware support video <http://www.youtube.com/watch?v=J4KdUoToCxM>



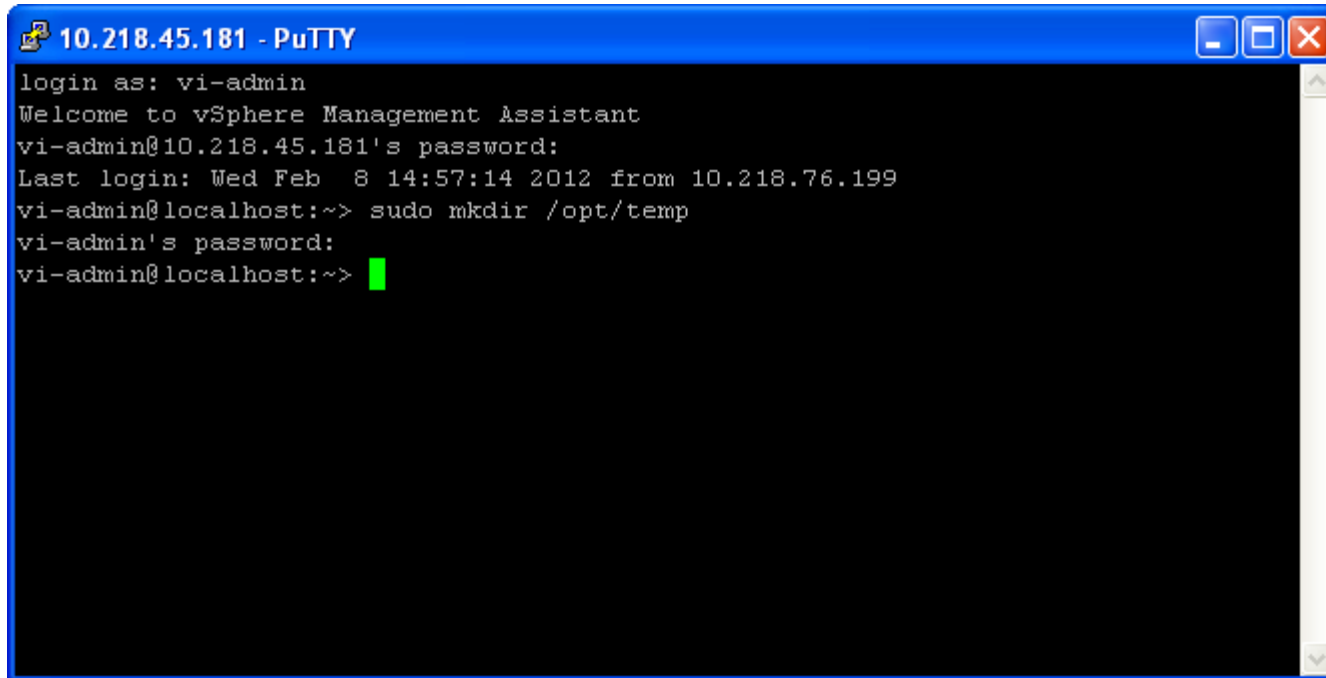
For this demo we have launched PUTTY and entered the ipaddress of the VMware vMA and port 22 should be selected.

When logging in you need to provide a user name and password.
Default user is vi-admin.



```
10.218.45.181 - PuTTY
login as: vi-admin
Welcome to vSphere Management Assistant
vi-admin@10.218.45.181's password:
Last login: Wed Feb  8 14:57:14 2012 from 10.218.76.199
vi-admin@localhost:~>
```

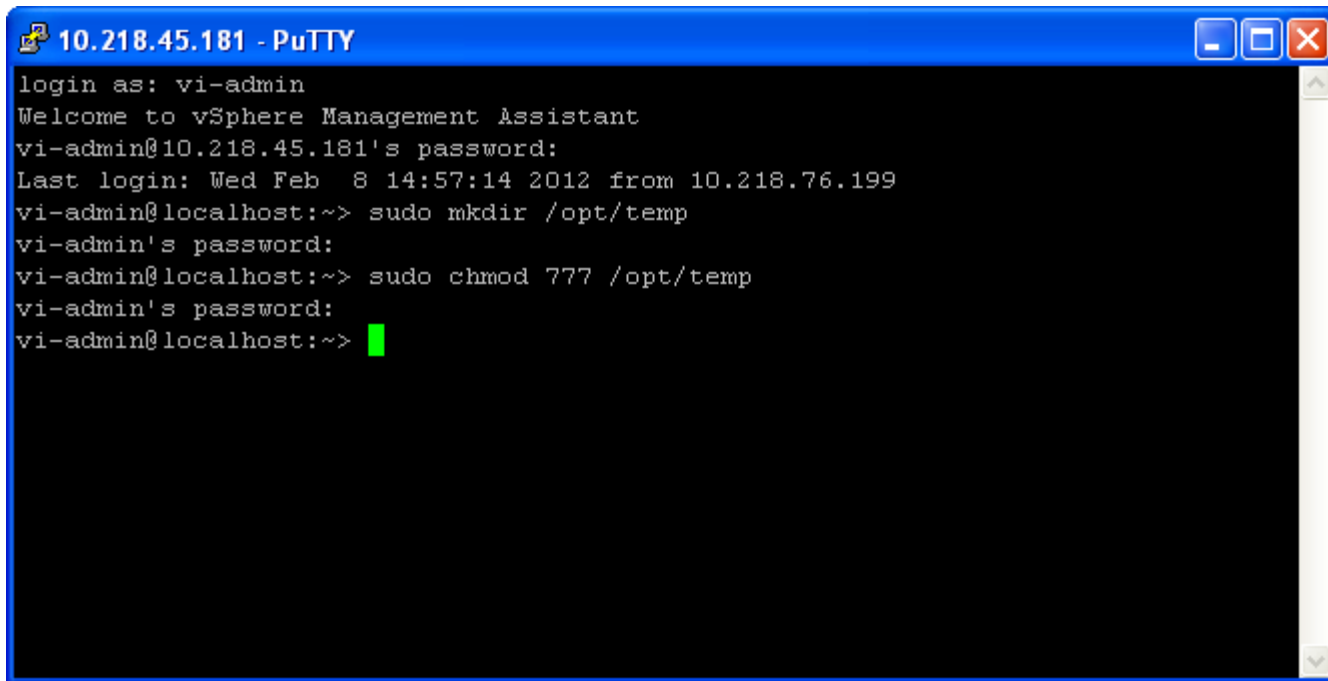
Next you need to create a temp directory.
You may be asked to enter the root password.

A screenshot of a PuTTY terminal window titled "10.218.45.181 - PuTTY". The terminal shows a login session for "vi-admin" on a vSphere Management Assistant. The user enters their password and is prompted for the root password to run the command "sudo mkdir /opt/temp". The command is executed successfully, and the prompt returns to "vi-admin@localhost:~>".

```
10.218.45.181 - PuTTY
login as: vi-admin
Welcome to vSphere Management Assistant
vi-admin@10.218.45.181's password:
Last login: Wed Feb  8 14:57:14 2012 from 10.218.76.199
vi-admin@localhost:~> sudo mkdir /opt/temp
vi-admin's password:
vi-admin@localhost:~> █
```

In this example the temp directory was created in /opt
The command used is
`sudo mkdir /opt/temp`

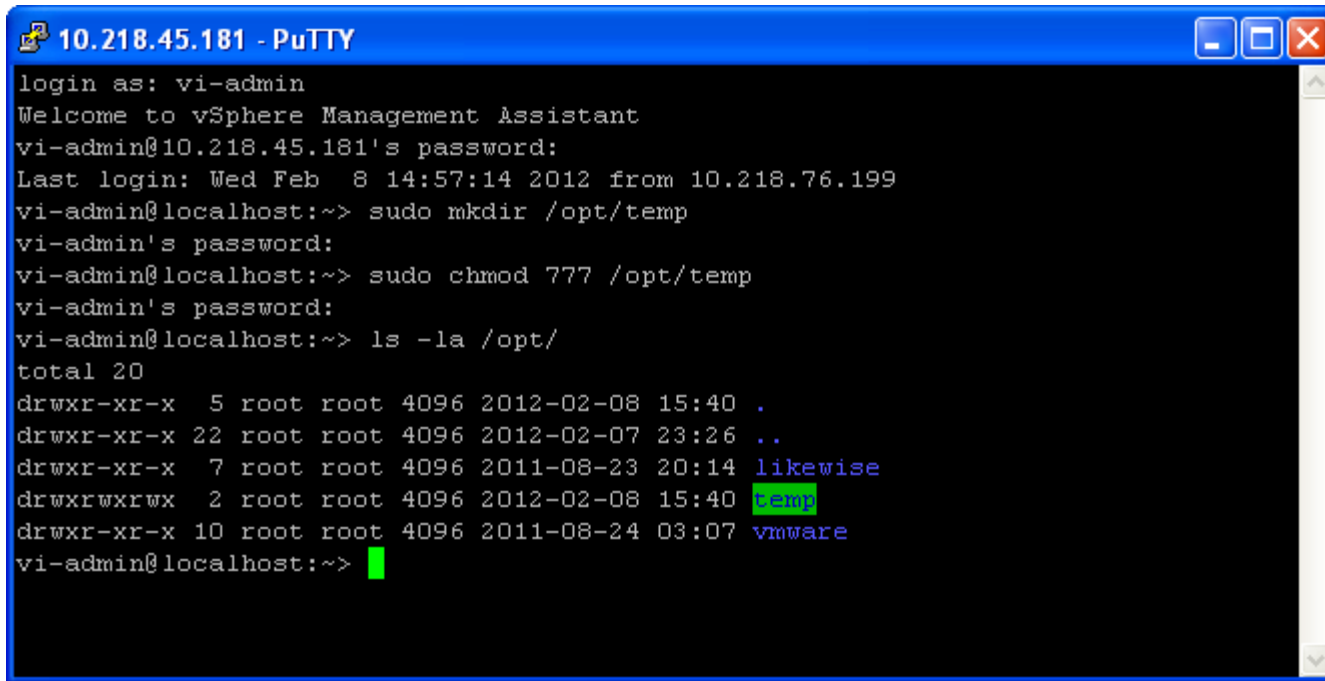
Next you need to change the permissions of the temp directory.



```
10.218.45.181 - PuTTY
login as: vi-admin
Welcome to vSphere Management Assistant
vi-admin@10.218.45.181's password:
Last login: Wed Feb  8 14:57:14 2012 from 10.218.76.199
vi-admin@localhost:~> sudo mkdir /opt/temp
vi-admin's password:
vi-admin@localhost:~> sudo chmod 777 /opt/temp
vi-admin's password:
vi-admin@localhost:~> █
```

The command used is
`sudo chmod 777 /opt/temp`

Next check the permissions on the temp directory.



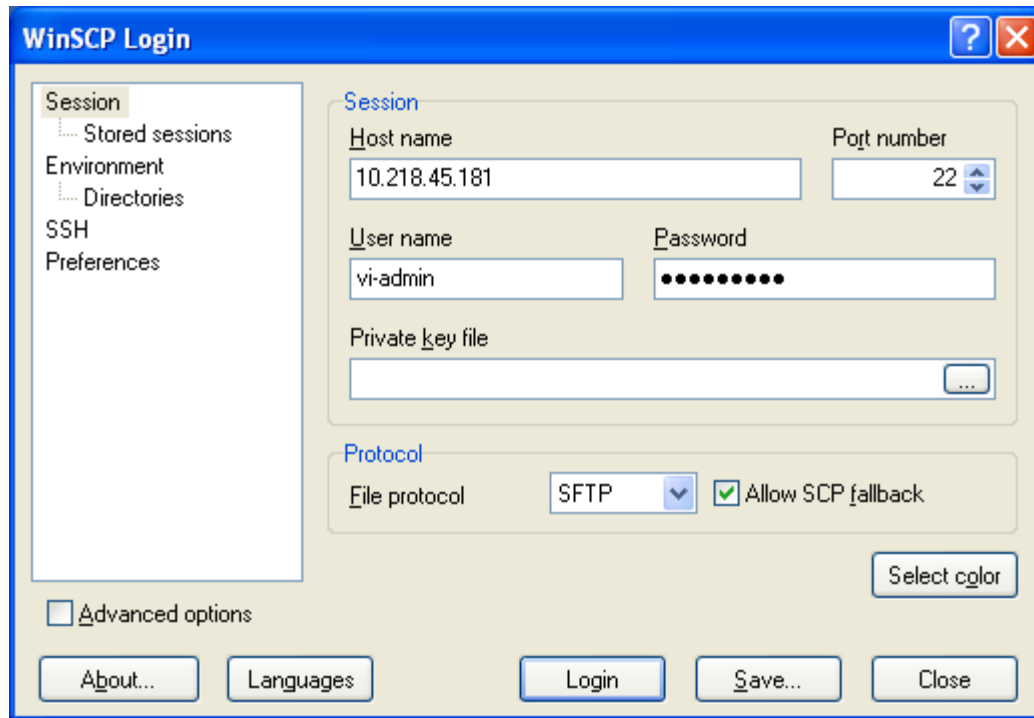
```
10.218.45.181 - PuTTY
login as: vi-admin
Welcome to vSphere Management Assistant
vi-admin@10.218.45.181's password:
Last login: Wed Feb  8 14:57:14 2012 from 10.218.76.199
vi-admin@localhost:~> sudo mkdir /opt/temp
vi-admin's password:
vi-admin@localhost:~> sudo chmod 777 /opt/temp
vi-admin's password:
vi-admin@localhost:~> ls -la /opt/
total 20
drwxr-xr-x  5 root root 4096 2012-02-08 15:40 .
drwxr-xr-x 22 root root 4096 2012-02-07 23:26 ..
drwxr-xr-x  7 root root 4096 2011-08-23 20:14 likewise
drwxrwxrwx  2 root root 4096 2012-02-08 15:40 temp
drwxr-xr-x 10 root root 4096 2011-08-24 03:07 vmware
vi-admin@localhost:~>
```

The command used is

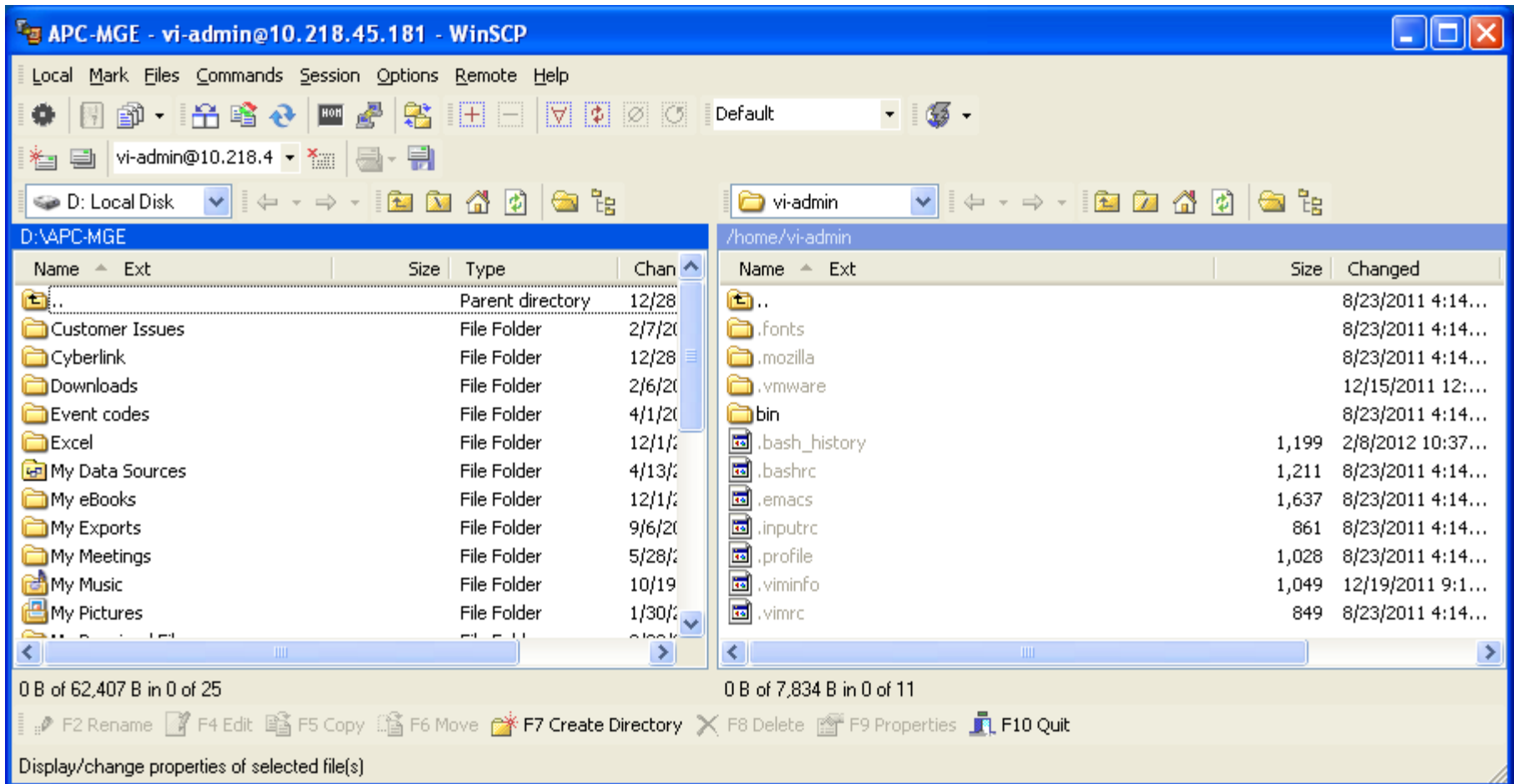
`ls -la /opt`

You will see that the permissions of temp are now `rw-rw-rwx`

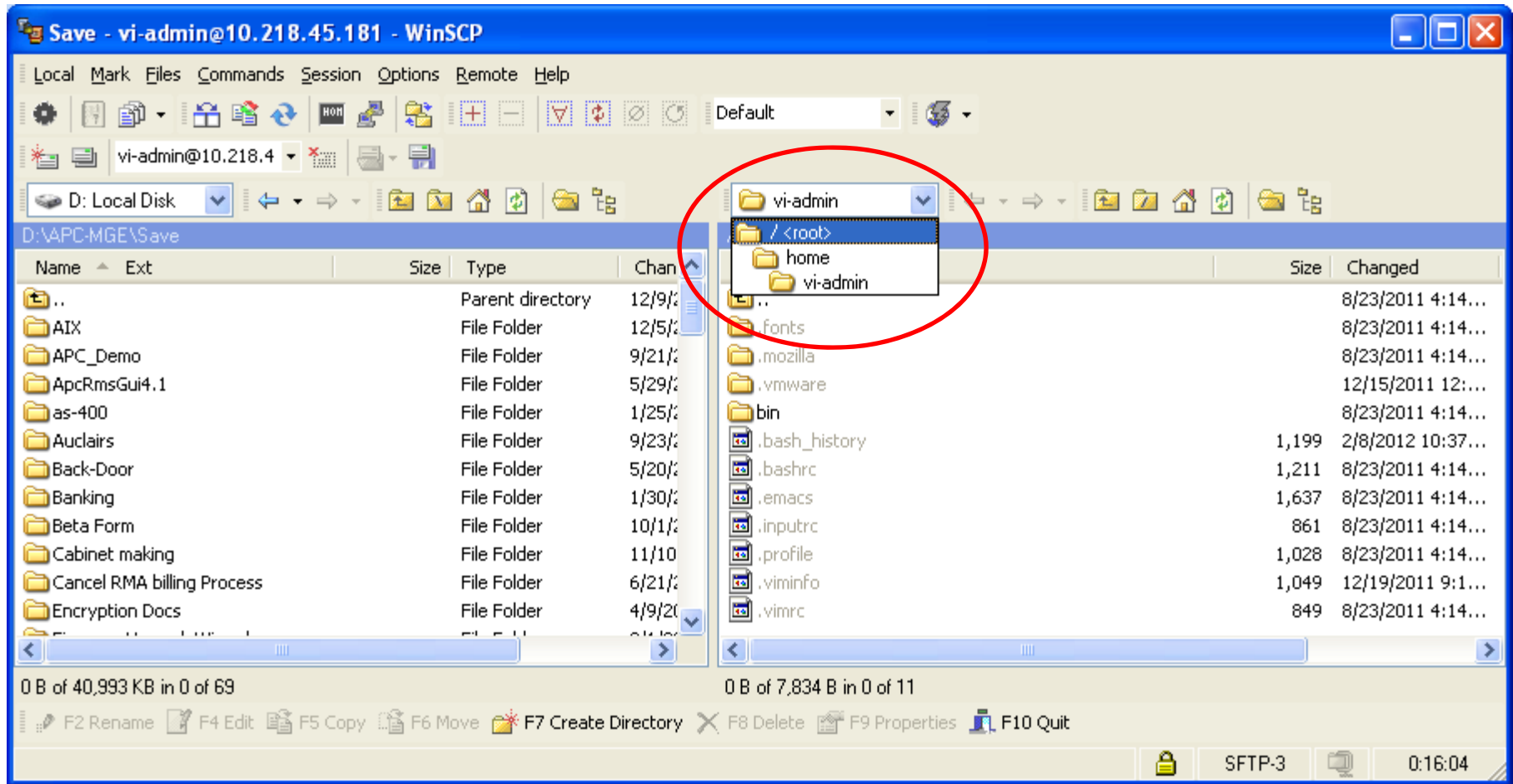
You now need to transfer the installation files from your PC to the vMA. To do this you can use FTP from the command prompt or use a FTP utility like WinSCP shown below.



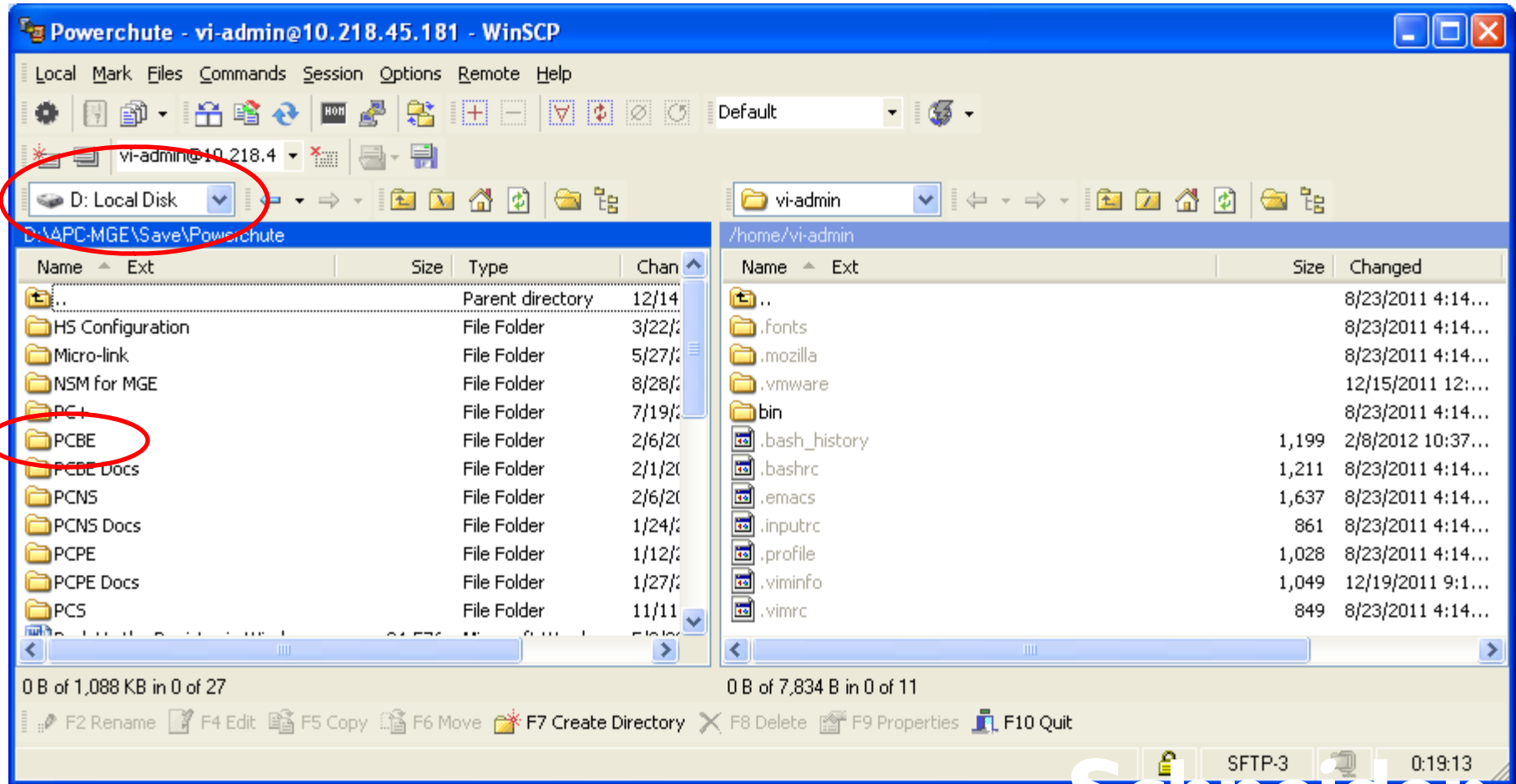
When WinSCP launches, you will need to navigate to the folder on the PC that holds the PowerChute Business Edition files and navigate to the temp directory.



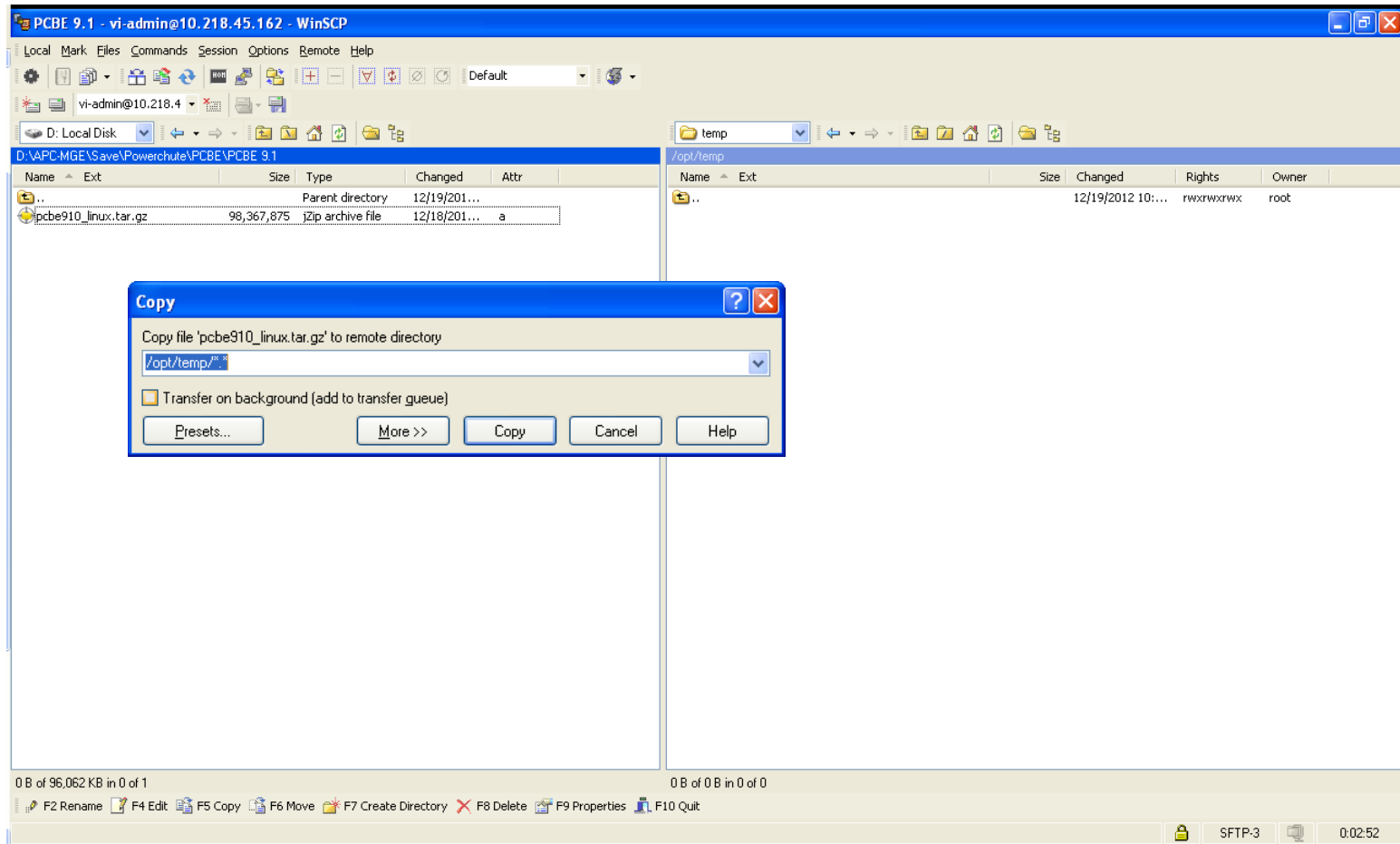
To navigate to the temp directory, use the pull down and go to / (root), then select opt and then temp.



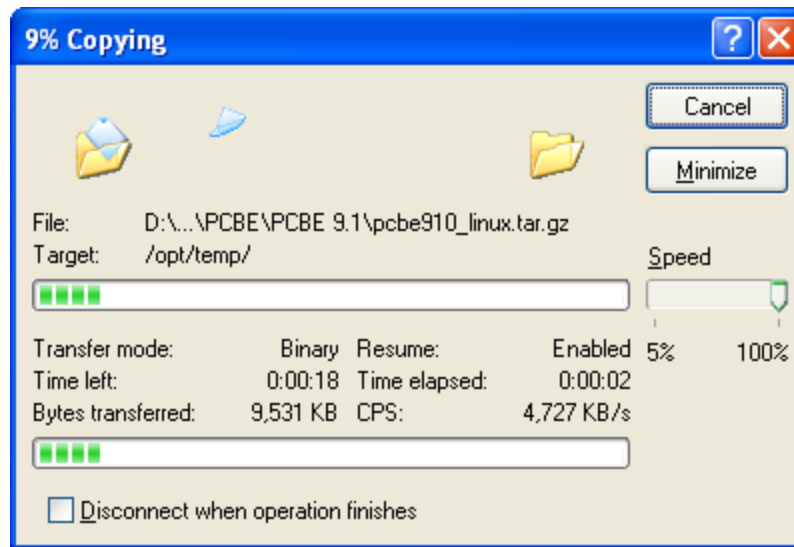
To navigate to the folder that PowerChute Business Edition is stored in, use the pull down, select the drive and then select the proper folder.



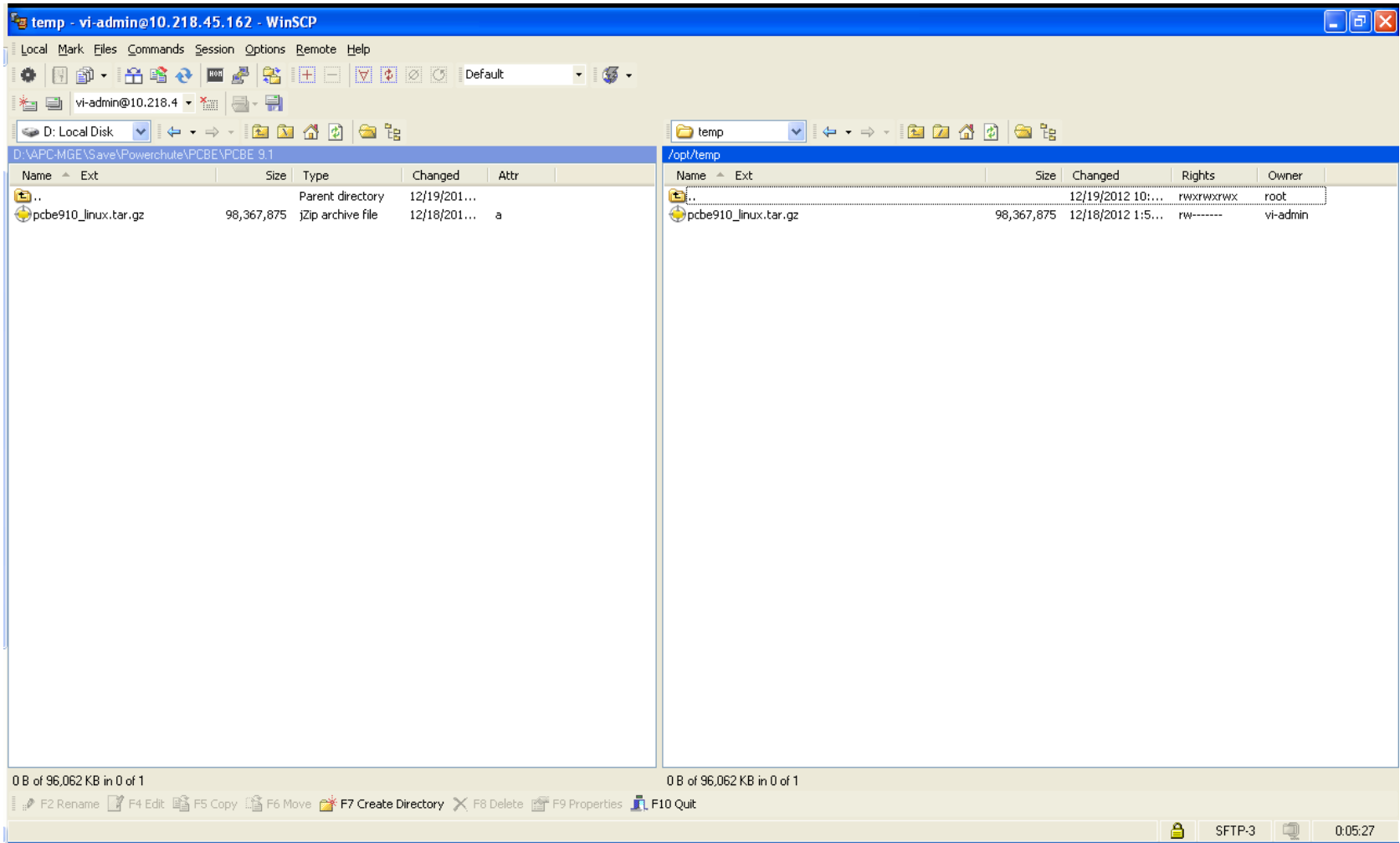
Select the files you want to transfer and drag them to the temp directory on the right. A window will pop up asking if you want to copy. Select copy.



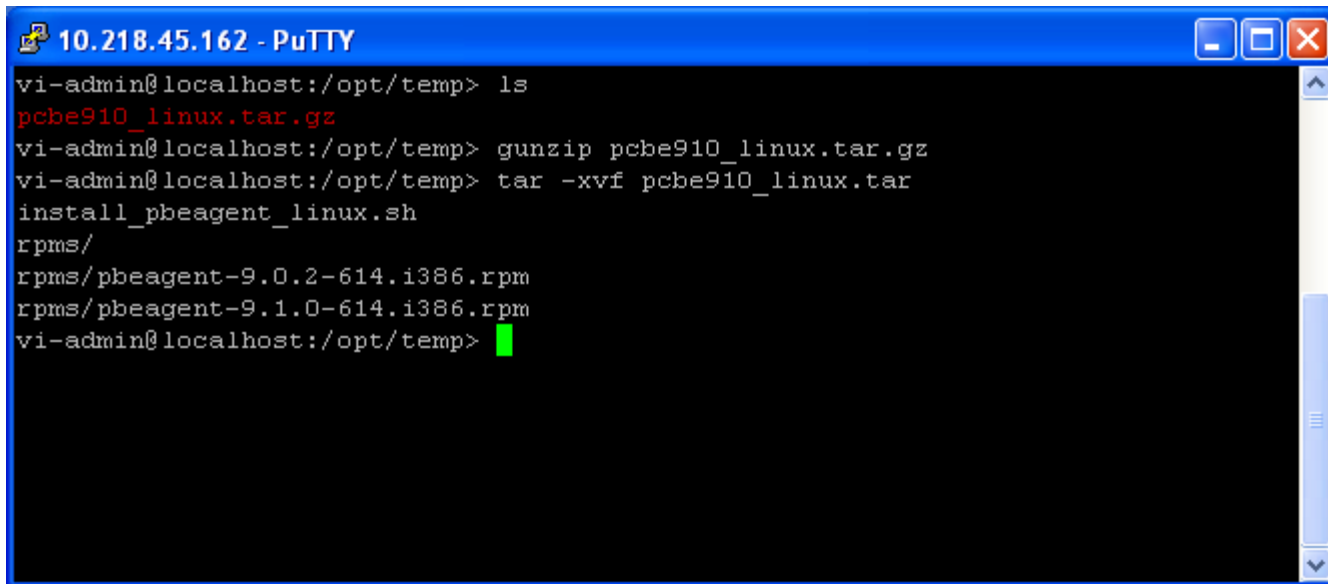
Next you will see a window showing the files being copied.



Then you will see that the file have been copied. In this case we copied pcbe910_linux.tar.gz



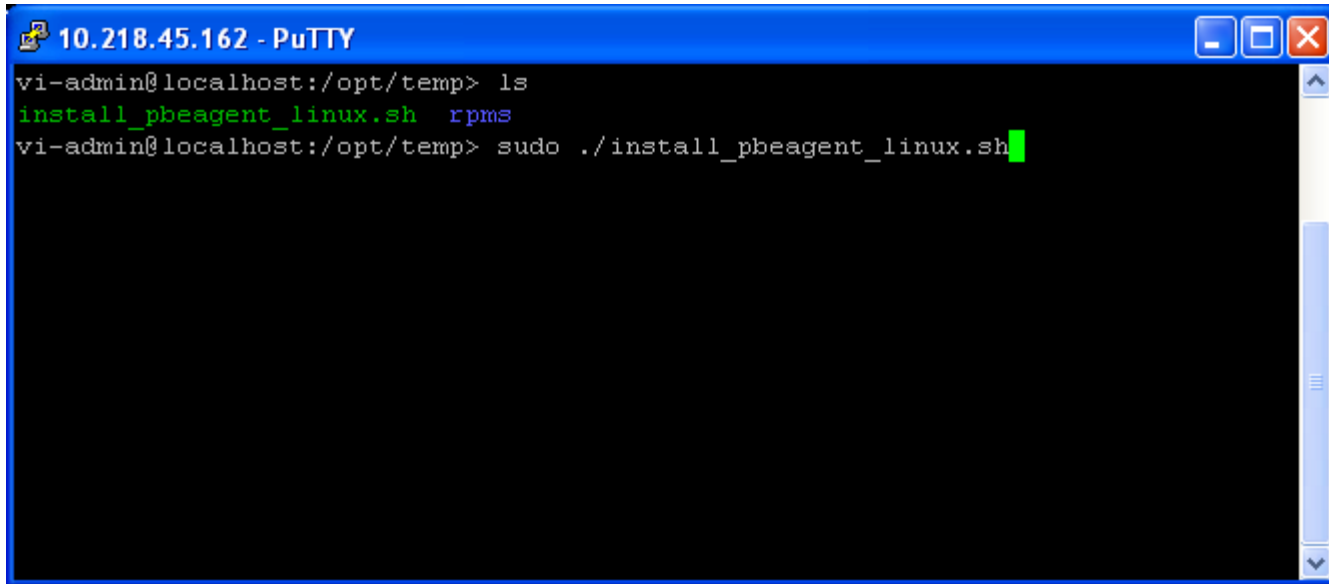
Next, using PUTTY you need to change directory to temp and then uncompress the file.



```
10.218.45.162 - PuTTY
vi-admin@localhost:/opt/temp> ls
pcbe910_linux.tar.gz
vi-admin@localhost:/opt/temp> gunzip pcbe910_linux.tar.gz
vi-admin@localhost:/opt/temp> tar -xvf pcbe910_linux.tar
install_pbeagent_linux.sh
rpms/
rpms/pbeagent-9.0.2-614.i386.rpm
rpms/pbeagent-9.1.0-614.i386.rpm
vi-admin@localhost:/opt/temp>
```

The commands are
gunzip pcbe910_linux.tar.gz
Then
tar -xvf pcbe910_linux.tar

You will now have a new file named `install_pbeagent_linux.sh` in the directory.

A screenshot of a PuTTY terminal window titled "10.218.45.162 - PuTTY". The terminal shows a user named "vi-admin" at a "localhost" machine in the "/opt/temp" directory. The user runs the command "ls" and lists the file "install_pbeagent_linux.sh" with permissions "rperms". Then, the user runs "sudo ./install_pbeagent_linux.sh" and a green cursor is visible at the end of the command line.

```
10.218.45.162 - PuTTY
vi-admin@localhost:/opt/temp> ls
install_pbeagent_linux.sh  rperms
vi-admin@localhost:/opt/temp> sudo ./install_pbeagent_linux.sh
```

Run the installer with this command

```
sudo ./install_pbeagent_linux.sh
```

Choose the proper connection type and answer the questions to successfully install PowerChute Business Edition.

Thank you.